

Product datasheet for **RC208194A1V**

Human B3GALNT1 (NM_033168) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human B3GALNT1 (NM_033168) AAV Particle
Tag:	Myc-DDK
Symbol:	B3GALNT1
Synonyms:	B3GALT3; beta3Gal-T3; galT3; Gb4Cer; GLCT3; GLOB; P; P1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208194 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCGGCTCTCTGGACTGTCCTTCCGAGTAGGATGTCACTGAGATCCCTCAAATGGAGCCTCCTGC
TGCTGTCACTCCTGAGTTTCTTTGTGATGTGGTACCTCAGCCTTCCCCTACAATGTGATAGAAGCGT
GAACTGGATGACTTCTATGAGTATGAGCCGATTTACAGACAAGACTTTCACCTCACACTTCGAGAGCAT
TCAAATGCTCTCATCAAAATCCATTTCTGGTCATTCTGGTGACCTCCCACCTTCAGATGTGAAAGCCA
GGCAGGCCATTAGAGTTACTTGGGGTGAAAAAAGTCTTGGTGGGATATGAGGTTCTTACATTTTTCTT
ATTAGCCAAGAGGCTGAAAAGGAAGACAAAATGTTGGCATTGTCCTTAGAGGATGAACACCTTCTTTAT
GGTGACATAATCCGACAAGATTTTTTAGACACATATAATAACCTGACCTTGAACACCTTATGGCATTCA
GGTGGTAACTGAGTTTTGCCCAATGCCAAGTACGTAATGAAGACAGACTGATGTTTTCATCAATAC
TGGCAATTTAGTGAAGTATCTTTAAACCTAAACCACTCAGAGAAGTTTTTACAGGTTATCCTCTAATT
GATAATTATTCCTATAGAGGATTTACCAAAAACCCATATTTCTTACCAGGAGTATCCTTTCAAGGTGT
TCCCTCATACTGCAGTGGTGGTTATATAATGTCCAGAGATTTGGTCCCAAGGATCTATGAAATGAT
GGGTACGTAAAACCCATCAAGTTTGAAGATGTTTATGTCGGGATCTGTTTGAATTTATAAAAGTGAAC
ATTCATATTCCAGAAGACACAAATCTTTCTTTCTATATAGAATCCATTTGGATGTCTGCAACTGAGAC
GTGTGATTGCAGCCATGGCTTTTCTTCCAAGGAGATCATCAGTTTTTGGCAGGTCATGCTAAGGAACAC
CACATGCCATTAT

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208194 protein sequence Red=Cloning site Green=Tags(s) MASALWTVLPSRMSLRSLKWSLLLLLLSFFVMWYLSLPHYNVIERVNWMYFYEYEPYRQDFHFTLREH SNCSHQNPFLVILVTSHPSDVKARQAIRVTWGEKKSWWGYEVLTFLLGQEAEKEDKMLALSLEDEHLLY GDIIRQDFLDTYNNLTLKTIMAFRWVTEFCPNAKYVMKTDVDFINTGNLVKYLNLNLHSEKFFTYPLI DNYSYRGFYQKTHISYQEYPFKVFPPYCSGLGYIMSRDLVPRIYEMMGHVKPIKFEDVYVIGICLNLLKVN IHIPEDTNLFFLYRIHLDVCQLRRVIAAHGFSSKEIITFWQVMLRNTTCHY SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_033168
ORF Size:	993 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_033168.2 , NP_149358.1
RefSeq Size:	3224 bp
RefSeq ORF:	996 bp
Locus ID:	8706
UniProt ID:	O75752
Cytogenetics:	3q26.1
MW:	39.5 kDa